

WHAT IS CLAIMED IS:

1. An image forming system constructed by
a plurality of device connected, comprising:

5 a first device having at least a read function to
read an original document image, a setting function to
set a processing condition with respect to image data
thus read, and a transmission function to process and
transmit the original document image read under the
processing condition set by the setting function; and

10 a second device connected to the first device
and having a change setting function to change the
processing condition set by the setting function of the
first device, of the original document image received
from the first device, upon receipt of the original
15 document image transmitted from the first device, and
an image output function to perform processing on the
original document image under the processing condition
changed by the change setting function, thereby to
output an image.

20 2. The system according to claim 1, wherein the
processing condition is density information, original
document type information such as a photographic
original document, a text original document, or the
like, image attribute information such as adjustment
25 value information for correcting gamma, and the like.

3. The system according to claim 1, wherein
each of the first and second devices has a read

function, a setting function, a transmission function,
a receive function, a change setting function, and an
image output function, and further has a specification
function to specify one of the first and second devices
5 as a master, and the other one as a slave, and

if one of the first and second devices is
specified as a master, the read function, setting
function, and transmission function are assigned to
the device specified as the master, and the receive
10 function, change setting function, and image output
function are assigned to the other one of the first and
second devices.

4. An image read system in which a plurality of
first devices having at least a read function to read
15 at least a original document image, and a second device
having at least a setting function to set a read
condition are connected through a communication
channel, wherein

each of the first devices has a read function to
20 read the original document, based on the read condition
supplied from the second device, and

the second device has setting means for setting
a read condition for the read function of each of the
first devices, and an interface for outputting the read
25 condition set by the setting means to each of
corresponding one or ones of the first devices.

5. The system according to claim 4, wherein the

first devices each have the setting function or the second device has the read function.

6. The system according to claim 4, wherein the read condition is density information, original document type information such as a photographic
5 original document, a text original document, or the like, image attribute information such as adjustment value information for correcting gamma, and the like.

7. The system according to claim 4, wherein
10 each of the first and second devices has the setting function and the read function, and

a master is specified by any one of the first and second devices, thereby to specify other device as slaves.

8. The system according to claim 4, wherein
15 each of the first and second devices has the setting function and the read function,

a master is specified by any one of the first and second devices, thereby to specify other devices as
20 slaves, and

individual read conditions are respectively set with respect to the devices specified as the slaves, by the setting function of the device specified as the master, and the read conditions set by the device
25 specified as the master are displayed in form of a list in the devices specified as the slaves.

9. The system according to claim 4, wherein the

read condition is density information, original document type information such as a photographic original document, a text original document, or the like, image attribute information such as adjustment value information for correcting gamma, and the like.

10. An image read system in which a plurality of first devices having at least a read function to read at least a original document image, a second device having at least a setting function to set a read condition, and a third device having at least an image forming function to form an image based on image data, on a medium where an image is to be formed, are connected through a communication channel, wherein

each of the first devices is comprised of a scanner for reading the original document image, based on the read condition supplied from the second device, and a first interface for outputting the image data read by the scanner to the third device, together with an image forming condition of the image data supplied from the second device, to the third device,

the second device is comprised of setting means for setting a read condition for the read function of each of the first devices, and individual image forming conditions for image data, respectively corresponding to the first devices, and a second interface for outputting the read condition set by the setting means to each of corresponding one or ones of the first

devices, and

the third device has an image forming device for forming an image based on image data supplied from the first devices, on an image forming medium where
5 an image to be formed, based on the image forming condition supplied together with the image data.

11. The system according to claim 10, wherein each of the first devices has at least one of the setting function and the image forming function, the second
10 device has at least one of the setting function and the image forming function, and the third device has at least one of the setting function and the read function.

12. The system according to claim 10, wherein
15 the read condition is density information, original document type information such as a photographic original document, a text original document, or the like, image attribute information such as adjustment value information for correcting gamma, and the like.

20 13. The system according to claim 10, wherein each of the image forming condition is a condition which specifies image formation on one surface of the image forming medium, image formation on both surfaces of the image forming medium, rotation of image data, reversal
25 of image data, and image forming style expressing descending or ascending order of a plurality of pages of image data.

14. The system according to claim 10, wherein each of the image forming conditions specifies the type of the image forming medium.

5 15. The system according to claim 14, wherein a condition specifying a type of the image forming medium is output medium information such as a thick paper, color-dedicated paper, normal paper, OHP, or the like.

10 16. The system according to claim 10, wherein each of the first and second devices has the setting function and the read function, and

a master is specified by the setting function of any one of the first and second devices, and other devices are thereby specified as slave devices.

15 17. The system according to claim 10, wherein each of the first and second devices has the setting function and the read function,

a master is specified by any one of the first and second devices, thereby to specify other devices as slaves, and

20 read conditions and image forming conditions are set with respect to the devices specified as the slaves, by the setting function of the device specified as the master, and the read conditions and image forming conditions set by the device specified as the master are displayed in form of a list in the devices
25 specified as the slaves.

18. The system according to claim 17, wherein

the read condition is density information, original document type information such as a photographic original document, a text original document, or the like, image attribute information such as adjustment value information for correcting gamma, and the like.

19. The system according to claim 17, wherein each of the image forming condition is a condition which specifies image formation on one surface of the image forming medium, image formation on both surfaces of the image forming medium, rotation of image data, reversal of image data, and image forming style expressing descending or ascending order of a plurality of pages of image data.

20. The system according to claim 17, wherein each of the image forming conditions specifies the type of the image forming medium.

21. The system according to claim 17, wherein a condition specifying a type of the image forming medium is output medium information such as a thick paper, color-dedicated paper, normal paper, OHP, or the like.

22. The system according to claim 17, having change means for changing the read conditions and the image forming conditions displayed in form of the list.